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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/666,463	09/20/2000	Aude Livoreil	05725.0758-00000	7146

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EXAMINER

PRYOR, ALTON NATHANIEL

ART UNIT	PAPER NUMBER
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1616

DATE MAILED: 05/05/2003 //

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.
09/666,463

Applicant(s)
Livoreil et al

Examiner
Alton Pryor

Art Unit
1616



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Feb 13, 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-73 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 68-73 is/are allowed.
- 6) ☒ Claim(s) 1, 2, 14-17, 29-33, 41-46, 48, 56-59, 62, 64, and 66 is/are rejected.
- 7) ☒ Claim(s) 3-13, 18-28, 34-40, 47, 49-55, 60, 61, 63, 65, and 67 is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 6) ☐ Other:

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Claim Rejections under 35 U.S.C. 102(b)

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1,2,14-17,41,48,56-59,62,64,66 are rejected under 35 U.S.C. 102(b) as being anticipated by Fan et al (J. Chem. Soc., Chem. Comm., 1995, vol. 12, pp. 1251-2.). Fan teaches the instant compound where Y = CONHR'; R' = methyl pyridyl. The aromatic pyridyl ring is an unsaturated hydrocarbon. See abstract.

2. Claims 1,2,14-17,41,48,56-59,62,64,66 are rejected under 35 U.S.C. 102(b) as being anticipated by Raposo et al (Tetrahedron Letters, 1995, vol. 36 no. 18, pp. 3255-8). Raposo teaches the instant compound where Y = CONHR'; R' = oxygenated biaryl ring. The oxygenated biaryl ring is an unsaturated hydrocarbon. See abstract.

Claim Rejections under 35 U.S.C. 103(a)

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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4. Claims 29-33,42-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fan or Raposo as applied to claims 1,2,14-17,41,48,56-59,62,64,66 above. See 35 U.S.C. 102(b) rejections above. Fan or Raposo teaches all that is recited in claims 29-33,42-46 except for the composition comprising the instant amounts of instant compound of formula I and the instant hardness. It would have been obvious to one having ordinary skill in the art to determine the optimum amount of instant compounds and the optimum hardness of the composition through routine experimentation. One would have been motivated to do this in order to develop the most effective composition.

Claim Objection / Allowable Subject Matter

Claims 3-13,18-2834-40,47,49-55,60,61,63,65,67 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 68-73 are allowable. The prior art does not teach or suggest the instant invention comprising a composition wherein R' is an aryl substituted by C10-C18 hydrocarbon.

Telephonic Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alton Pryor whose telephone number is (703) 308-4691. The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 4:30 p.m.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jose Dees, can be reached on (703) 308-4628. The fax phone number for this Group is (703) 308-4556.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-1235.

A handwritten signature in black ink, appearing to read "Alton Pryor". The signature is fluid and cursive, with the first name "Alton" and last name "Pryor" clearly distinguishable.

Alton Pryor

Primary Examiner, AU 1616

5/1/03